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### 1 [An intelligent 3D user interface adapting to user control behaviors](#)

[Tsai-Yen Li, Shu-Wei Hsu](#)

January 2004 I UI '04: Proceedings of the 9th international conference on I

Publisher: ACM

 Full text available: [Pdf](#) (277.15 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 119, Citation

The WALK mode is one of the most common navigation interfaces for 3D. However, due to the limited view angle and low frame rate, users are often disoriented when they navigate in a cluttered virtual scene with such a mode. ...

Keyw ords: adaptive assisting mechanism, artificial force field, intelligent user interface control

### 2 [Observing and adapting user behavior in navigational 3D interfaces](#)

[Augusto Celentano, Fabio Pittarello](#)

May 2004 AVI '04: Proceedings of the working conference on Advanced v

Publisher: ACM

 Full text available: [Pdf](#) (253.47 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 120, Citation

In a navigation-oriented interaction paradigm, such as desktop, mixed reality, recognizing the user needs is a valuable improvement, provided that they can anticipate the user actions. Methodologies for adapting ...

### 3 [Workshop on behavior-based user interface customization](#)

[Lawrence Bergman, Tessa Lau](#)

January 2004 I UI '04: Proceedings of the 9th international conference on I

Publisher: ACM

 Full text available: [Pdf](#) (64.30 KB) Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 35, Citation (

Keyw ords: adaptive user interfaces

### 4 [Graphical specification of user interfaces with behavior abstraction](#)

[J. F. DeSol, W. M. Lively, S. V. Sheppard](#)

March 1989 CHI '89: Proceedings of the SIGCHI conference on Human factors in computing systems: Wings for the mind

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Publisher: ACM

Full text available:  Pdf (607.61 KB)

Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 16, Citation (

The Application Display Generator (ADG) is a graphical environment for implementation of embedded system user interfaces. It is a major comp Specification Subsystem (GSS) in Lockheed's Express knowledge-based

Also published in:

March 1989 SIGCHI Bulletin Volume 20 Issue SI

- 5 [Communication Behaviors of Co-Located Users in Collaborative AR](#)  
K. Kiyokawa, M. Billingham, S. E. Hayes, A. Gupta, Y. Sannone, H. Kato  
September 2002 | SMAR '02: Proceedings of the 1st International Symposium  
Reality


Publisher: IEEE Computer Society

Full text available:  Pdf (544.92 KB)

Additional Information: [full citation](#), [abstract](#), [ci](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 16, Citation (

We conducted two experiments comparing communication behaviors of collaborative augmented reality (AR) interfaces. In the first experiment, stereo- and mono-video, and immersive head mounted displays (HMDs)

- 6 [Recovering software requirements from system-user interaction traces](#)  
 Mohammad El-Ramly, Eleni Stroulia, Paul Sorenson  
July 2002 | SEKE '02: Proceedings of the 14th international conference on  
knowledge engineering


Publisher: ACM


Full text available:  Pdf (112.21 KB)

Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 60, Citation (

As software systems age, the requirements that motivated their original Requirements documentation is unavailable or obsolete. Recapturing the for software reengineering activities. In our CelLEST process ...

- 7 [A presentation model for multimedia summaries of behavior](#)  
 Martin Molina, Victor Flores  
January 2008 | UI '08: Proceedings of the 13th international conference on  
Publisher: ACM

Full text available:  Pdf (300.92 KB)



Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 41, Citation (

Presentation models are used by intelligent user interfaces to automatically presentations according to particular communication goals. This paper describes of a presentation model that was designed to automatically ...



Keywords: behavior summarization, multimedia user interface, presentation

- 8 [Pavlov: an interface builder for designing animated interfaces](#)  
David Wolber

-  December 1997 Transactions on Computer-Human Interaction (TOCHI)  
 Publisher: ACM  
 Full text available:  Pdf (1.09 MB) Additional Information: [full citation](#), [abstract](#), [review](#)  
 Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 54, Citation (



Conventional interface builders provide little support for interactive development application-specific graphics. Some Programming by Demonstration (PBD) support, but none provide full support for demonstrating ...

Keywords: animation, programming by demonstration, user interface (

- 9 [Implicit interaction profiling for recommending spatial content](#)  
 [Joe Weakliam](#), [Michela Bertolotto](#), [David Wilson](#)  
 November 2005 GI S '05: Proceedings of the 13th annual ACM international information systems  
 Publisher: ACM  
 Full text available:  Pdf (754.07 KB) Additional Information: [full citation](#), [abstract](#), [review](#)  
 Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 104, Citation (




When individuals request task-relevant spatial content in the form of an application, they typically return default maps displaying standard map content. Little effort is required for applications to present users with personalized maps displaying ...

Keywords: data mining, implicit profiling, personalization, user interaction

- 10 [Evaluating adaptive user profiles for news classification](#)  
 [Ricardo Carreira](#), [Jaime M. Crato](#), [Daniel Gonçalves](#), [Joaquim A. Jorge](#)  
 January 2004 IUI '04: Proceedings of the 9th international conference on Intelligent User Interfaces  
 Publisher: ACM  
 Full text available:  Pdf (132.20 KB) Additional Information: [full citation](#), [abstract](#), [review](#)  
 Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 110, Citation (

Never before have so many information sources been available. Most are scattered and some exist on the Internet alone. However, this large information quantity is often hard to find. Modern Personal Digital Assistants (PDAs), ...

Keywords: bayesian classifier, content-based filter, mobile and ubiquitous computing

- 11 [AppleScript](#)  
 [William R. Cook](#)  
 June 2007 HOPL III: Proceedings of the third ACM SIGPLAN conference on Object-Oriented Programming, Systems, Languages, and Applications  
 Publisher: ACM  
 Full text available:  Mov (55:56 MIN),  Pdf (621.56 KB) Additional Information: [full citation](#), [abstract](#), [review](#)  
 Bibliometrics: Downloads (6 Weeks): 51, Downloads (12 Months): 275, Citation (

AppleScript is a scripting language and environment for the Mac OS. Or AppleScript allows end users to *automate* complex tasks and *customize* automate tasks, AppleScript provides standard ...

Keywords: AppleScript, history, scripting

## 12 [Human-centered design meets cognitive load theory: designing inter](#)



[think](#)

[Sharon Oviatt](#)

October 2006 MULTIMEDIA '06: Proceedings of the 14th annual ACM international multimedia

Publisher: ACM

Full text available: Pdf (690.68 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 58, Downloads (12 Months): 344, Citation

Historically, the development of computer systems has been primarily a phenomenon, with technologists believing that "users can adapt" to what *centered design* advocates that a more promising and enduring ...

Keywords: cognitive load, educational interfaces, human-centered design, multimodal interfaces, pen-based interfaces, performance metrics, robust interfaces, tangible interfaces, usability

## 13 [Proceedings of the eighteenth conference on Hypertext and hypermedia](#)



[Simon Harper](#), [Helen Ashman](#), [Mark Bernstein](#), [Alexandra Cristea](#), [Hugh C. Hanson](#), [Dave Millard](#)

September 2007 HT '07: Proceedings of the eighteenth conference on Hypertext and hypermedia

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

It is our great pleasure to welcome you to the 18th International ACM Conference on Hypermedia 'Hypertext, The Web, and Beyond: Five Autonomous Programs Conference'. The conference takes place in the Manchester Museum in ...

## 14 [A field evaluation of an adaptable two-interface design for feature-rich](#)



[Joanna McGrenere](#), [Ronald M. Baecker](#), [Kellogg S. Booth](#)

May 2007 Transactions on Computer-Human Interaction (TOCHI)

Publisher: ACM

Full text available: Pdf (933.75 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 399, Citation

Two approaches for supporting personalization in complex software are menus and user-controlled adaptable menus. We evaluate a novel interactive productivity software based on adaptable menus. The design ...

Keywords: Human-computer interaction, adaptable interfaces, adaptive customization, futurism, field experiment, individual differences, personalization

Visualization of users' activities in a specific environment

Zdenek Mikovec, Ivo Maly, Pavel Slavik, Jan Curin


December 2007 WSC '07: Proceedings of the 39th conference on Winter simulation  
is yet to come

Publisher: IEEE Press

Full text available:  Pdf (487.60 KB)Additional Information: [full citation](#), [abstract](#), [review](#)


Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 71, Citation

Evaluation of user interface design is usually based on usability testing and is analyzed and described the user behavior in the form of the user model data set which was acquired through observation of ...

16 User interfaces for privacy agents Lorrie Faith Cranor, Praveen Guduru, Manjula Arjula

June 2006 Transactions on Computer-Human Interaction (TOCHI) ,


Publisher: ACM

Full text available:  Pdf (1.82 MB)Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 51, Downloads (12 Months): 421, Citation


Most people do not often read privacy policies because they tend to be hard to understand. The Platform for Privacy Preferences (P3P) addresses this problem by providing a standard machine-readable format for website privacy policies. P3P ...

Keywords: P3P, preferences, privacy, privacy enhancing technology, privacy

17 Extracting usability information from user interface events David M. Hilbert, David F. Redmiles

December 2000 Computing Surveys (CSUR) , Volume 32 Issue 4


Publisher: ACM

Full text available:  Pdf (1.50 MB)Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 801, Citation

Modern window-based user interface systems generate user interface events during their normal operation. Because such events can be automatically captured, they indicate user behavior with respect to an application's user interface, ...

Keywords: human-computer interaction, sequential data analysis, usability, user interface event monitoring

18 The importance of translucence in mobile computing systems Maria R. Ebling, Bonnie E. John, M. Satyanarayanan

March 2002 Transactions on Computer-Human Interaction (TOCHI) ,

Publisher: ACM

Full text available:  Pdf (330.59 KB)Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 133, Citation

Mobile computing has been an active area of research for the past decade and has increased substantially in the decade to come. One problem faced by designers is how to make mobile computing systems more usable. This paper discusses the importance of translucence in mobile computing systems and presents a framework for designing translucent mobile computing systems. ...

that of maintaining the illusion of connectivity even ...

Keywords: Coda, disconnected operation, mobile computing, transluce  
weakly connected operation

#### 19 [USim: A User Behavior Simulation Framework for Training and Testi Systems](#)

[A. Garg](#), [S. Vidyaraman](#), [S. Upadhyaya](#), [K. Kwiat](#)

April 2006 ANSS '06: Proceedings of the 39th annual Symposium on Simu

Publisher: IEEE Computer Society

Full text available:  [Pdf](#) (322.86 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 40, Citation (

Anomaly detection systems largely depend on user profile data to be ab  
normal activity. Most of this profile data is currently based on command  
executed by users on a system. With the advent and ...

#### 20 [Method to analyze user behavior in home environment](#)

[Seung Ha](#), [Hong Jung](#), [Yong Oh](#)

January 2006 Personal and Ubiquitous Computing , Volume 10 Issue 2-3

Publisher: Springer-Verlag

Full text available:  [Pdf](#) (949.07 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 125, Citatio




The development of computing technology affects the environmental ch  
in a many ways. In other words, we believe that Ubiquitous computing  
very vision of our homes. The most distinct phenomenon ...

Keywords: Home context, Ubiquitous computing, User behavior, User I  
research

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